

	TF v1.15 (Binary)	TF v1.15 (Docker)	TF v2.9 (Binary)	PyTorch v1.11 (Binary)	TF v2.10 (Binary)	PyTorch v1.12 (Binary)	ONNX Runtime v1.12.1 (binary)
Release Version	3.2.5	3.2.5	3.3	3.3	4.0	4.0	4.0
Release Date	May, 2022	May, 2022	June, 2022	June, 2022	Jan, 2023	Jan, 2023	Jan, 2023
Release OS	Ubuntu 18.04	Ubuntu 18.04	N/A	N/A	N/A	N/A	N/A
manylinux support (Based on CentOS 7.9 gcc version 9.3.1)	No	No	manylinux2014	manylinux2014	manylinux2014	manylinux2014	manylinux2014
glibc version	2.27	2.27	2.17	2.17	2.17 (Note 1)	2.17 (Note 1)	2.17 (Note 1)
Python Version	3.7	3.7	3.7, 3.8, 3.9, 3.10	3.7, 3.8, 3.9, 3.10	3.7, 3.8, 3.9, 3.10	3.7, 3.8, 3.9, 3.10	3.7, 3.8, 3.9, 3.10
Compiler	AOCC	AOCC	GCC	GCC	GCC	GCC	GCC
Wheel file release	Yes	Yes	Yes	Yes	Yes	Yes	Yes
C++ Interface release	No	No	Yes	Yes	Yes	Yes	No
Wheel file containing ZenDNN and AOCL-BLIS inside	No (Install AOCC, AOCL- BLIS)	N/A	Yes	Yes	Yes	Yes	Yes
Compatible with OS	Ubuntu 18.04, Ubuntu 20.04, RHEL 8.3, CentOS 8.3	Ubuntu 18.04, Ubuntu 20.04, RHEL 8.3, CentOS 8.3	Ubuntu 18.04, Ubuntu 20.04, RHEL 8.3, CentOS 8.3, CentOS/RHEL 7 SLES 12 SP5 SLES 15 SP3	Ubuntu 18.04, Ubuntu 20.04, RHEL 8.3, 8.6, 9.0, CentOS 8.3, CentOS/RHEL 7 SLES 12 SP5 SLES 15 SP3	Ubuntu 18.04, Ubuntu 20.04, Ubuntu 22.04, RHEL 8.3, 8.6, 9.0, CentOS 8.3, CentOS/RHEL 7 SLES 12 SP5 SLES 15 SP3	Ubuntu 18.04, Ubuntu 20.04, Ubuntu 22.04, RHEL 8.3, 8.6, 9.0, CentOS 8.3, CentOS/RHEL 7 SLES 12 SP5 SLES 15 SP3	Ubuntu 18.04, Ubuntu 20.04, Ubuntu 22.04, RHEL 8.3, 8.6, 9.0, CentOS 8.3, CentOS/RHEL 7 SLES 12 SP5 SLES 15 SP3
Not Compatible with OS	CentOS/RHEL 7 SLES 12 SP5	CentOS/RHEL 7 SLES 12 SP5	N/A	N/A	N/A	N/A	N/A
Compatible H/W	Rome/Milan	Rome/Milan	Rome/Milan	Rome/Milan	Genoa/Milan	Genoa/Milan	Genoa/Milan
Data Types	FP32, INT8	FP32, INT8	FP32, INT8	FP32, INT8	FP32, INT8 BF16 (Beta)	FP32, INT8 BF16 (Beta)	FP32, INT8
Data Formats	NHWC BLOCKED (NCHWc8)	NHWC BLOCKED (NCHWc8)	NHWC BLOCKED (NCHWc8) NHWC_BLOCKED	BLOCKED	NHWC BLOCKED (NCHWc8) NHWC_BLOCKED	BLOCKED	BLOCKED
Models	Alexnet, GoogleNet, InceptionV3, InceptionV4, Resnet50, Resnet152, VGG16, VGG19, MobileNet-v1 Bert, DLRM, Wide & Deep	Alexnet, GoogleNet, InceptionV3, InceptionV4, Resnet50, Resnet152, VGG16, VGG19, MobileNet-v1 Bert, DLRM, Wide & Deep	AMD (UIF) optimized models	AMD (UIF) optimized models. More than 75 models are part of this release - Bert, DLRM, Alexnet, Resnet50 etc.	AMD (UIF) optimized models. More than 75 models are part of this release - Bert, DLRM, Alexnet, Resnet50 etc.	AMD (UIF) optimized models. More than 75 models are part of this release - Bert, DLRM, Alexnet, Resnet50 etc.	AMD (UIF) optimized models. More than 75 models are part of this release - Bert, DLRM, Alexnet, Resnet50 etc.

Note 1: Python release binaries (wheel file) are built with manylinux2014 and will work on OS having glibc version 2.17 or higher

C++ Interface binaries will work on OS having glibc version 2.31 or higher

Note 2: These release binaries are functionally compatible with Rome platform.

	TF v1.15 (Binary)	TF v1.15 (Docker)	TF 2.5 (Binary)	TF v2.7 (Binary)	PyTorch v1.9.0 (Binary)	ONNXRT v1.8.0 (Binary)	ONNXRT v1.8.0 (Docker)
Release Version	3.0	3.0	3.1	3.2	3.2	3.2	3.2
Release Date	April, 2021	April, 2021	August, 2021	December, 2021	December, 2021	December, 2021	December, 2021
Release OS	Ubuntu 18.04	Ubuntu 18.04	N/A	N/A	N/A	Ubuntu 18.04	Ubuntu 18.04
manylinux support (Based on CentOS 7.9 gcc version 9.3.1)	No	No	manylinux2014	manylinux2014	manylinux2014	No	No
glibc version	2.27	2.27	2.17	2.17	2.17	2.27	2.27
Python Version	3.7.9	3.7.10	3.8.10	3.6, 3.7, 3.8, 3.9	3.6, 3.7, 3.8, 3.9	3.8.12	3.7.10
Compiler	AOCC	AOCC	AOCC	GCC	AOCC	AOCC	AOCC
Wheel file containing ZenDNN and AMD-BLIS inside	No (Install AOCC, AMD- BLIS)	N/A	No (Install AOCC, AMD-BLIS)	Yes	No (Install AOCC, AMD-BLIS)	No (Install AOCC, AMD-BLIS)	N/A
Compatible with OS	Ubuntu 18.04, Ubuntu 19.10, Ubuntu 20.04, RHEL 8.3, CentOS 8.3	Ubuntu 18.04, Ubuntu 19.10, Ubuntu 20.04, RHEL 8.3, CentOS 8.3	Ubuntu 18.04, Ubuntu 19.10, Ubuntu 20.04, RHEL 8.3, CentOS 8.3, CentOS/RHEL 7 SLES 12 SP5	Ubuntu 18.04, Ubuntu 19.10, Ubuntu 20.04, RHEL 8.3, CentOS 8.3, CentOS/RHEL 7 SLES 12 SP5	Ubuntu 18.04, Ubuntu 19.10, Ubuntu 20.04, RHEL 8.3, CentOS 8.3, CentOS/RHEL 7 SLES 12 SP5	Ubuntu 18.04, Ubuntu 19.10, Ubuntu 20.04, RHEL 8.3, CentOS 8.3	Ubuntu 18.04, Ubuntu 19.10, Ubuntu 20.04, RHEL 8.3, CentOS 8.3
Not Compatible with OS	CentOS/RHEL 7 SLES 12 SP5	CentOS/RHEL 7 SLES 12 SP5	N/A	N/A	N/A	CentOS/RHEL 7 SLES 12 SP5	CentOS/RHEL 7 SLES 12 SP5
Compatible H/W	Rome/Milan	Rome/Milan	Rome/Milan	Rome/Milan	Rome/Milan	Rome/Milan	Rome/Milan
Data Types	FP32, INT8	FP32, INT8	FP32, INT8	FP32, INT8	FP32	FP32	FP32
Data Formats	NHWC BLOCKED (NCHWc8)	NHWC BLOCKED (NCHWc8)	NHWC BLOCKED (NCHWc8)	NHWC BLOCKED (NCHWc8) NHWC_BLOCKED	BLOCKED	BLOCKED	BLOCKED
Models	Alexnet, GoogleNet, InceptionV3, InceptionV4, Resnet50, Resnet152, VGG16, VGG19, MobileNet-v1 Bert, DLRM, Wide & Deep	Alexnet, GoogleNet, InceptionV3, InceptionV4, Resnet50, Resnet152, VGG16, VGG19, MobileNet-v1 Bert, DLRM, Wide & Deep	Alexnet, GoogleNet, InceptionV3, InceptionV4, Resnet50, Resnet152, VGG16, VGG19, MobileNet-v1 Bert, DLRM, Wide & Deep	Alexnet, GoogleNet, InceptionV3, InceptionV4, Resnet50, Resnet152, VGG16, VGG19, MobileNet-v1 Bert, DLRM, Wide & Deep	Alexnet, GoogleNet, InceptionV4, Resnet50, Resnet152, VGG11	Alexnet, GoogleNet, InceptionV3, Resnet50 , VGG16	Alexnet, GoogleNet, InceptionV3, Resnet50 , VGG16